

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) 1. A switching arrangement for the controlled parallel switching of a first energy- storing electrolytic condenser (C1) with a second energy-storing electrolyte condenser (C2) in response to a switching signal supplied to a control input (VS), said first electrolytic condenser (C1) has a capacity of at least 500 μF ; said second electrolytic condenser has a likewise large capacity, the switching arrangement comprises an electronic switch formed by the main circuit of a semiconductor device being a field effect transistor (FT) with a gate electrode connected through an RC-type delay member to the control input (VS); ~~characterized in that~~ wherein for protecting both the field effect transistor (FT) and the connected electrolytic condensers (C1, C2) from the damaging effect of current surges appearing as switching transients but which, at the same time, affects the switching process only to the extent necessary for the protection, the rising of the current in said main circuit is delayed, wherein the delay is provided by two delay members, the first delay member is constituted by said RC-type delay member, the second delay member being an inductive element (L) connected in the main circuit of the field effect transistor (FT), the inductive element (L) has a very low ohmic resistance and being constituted by a conductor (10) of predetermined length surrounded by a high-frequency ferrite core (11, 12); the delay effected by the RC member ensures only a fraction of the full switching delay.

2. (Currently Amended) The switching arrangement as defined in claim 1, ~~characterized in that~~ wherein the ferrite core (11, 12) has two bores which are at

a predetermined distance from one another and which have parallel axes; the conductor (10) has two legs passed through the bores.

3. (Currently Amended) The switching arrangement as defined in claim 2, ~~characterized in that~~ wherein it comprises a plurality of short, stacked ferrite cores (11).

4. (Currently Amended) The switching arrangement as defined in claim 1, ~~characterized in that~~ wherein in the RC member the capacitive element is formed by the input capacity of the field effect transistor (FT) and the unavoidable scattered capacities.

5. (Currently Amended) The switching arrangement as defined in claim 1, ~~characterized in that~~ (Currently Amended) the capacity of the switched electrolytic condensers is in the range of 10,000 μF .